

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA1043SW

This certificate, issued to **Aero Upgrade, LLC
4295 Nonchalant Circle N
Colorado Springs, CO 80917-2005**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.* *Certification Basis is set forth in Type Certificate Data Sheet A13CE

Original Product—Type Certificate Number: A13CE

Make: Cessan

Model: 177

Description of the Type Design Change:

Installation of Lycoming O-360-A1A, O-360-A3A, O-360A1F, or O-360-A1F6 and Hartzell Constant Propeller Model HC-C2YK-1B/7666A-2 in accordance with Air Mod Engineering Drawing 68020CS (21 pages).

Limitations and Conditions:

1. The following placards are required:
 - a. Avoid continuous operation between 2000 and 2250 RPM
 - b. Minimum octane fuel 100/130
2. FAA approved Airplane Flight Manual Supplement, Document AU-AFMS-02, Revision Original, dated January 15, 2010, or later FAA approved revision is required after January 26, 2010.
3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 15, 1968

Date reissued: May 16, 1989; March 24, 1999;
July 15, 2009

Date of issuance: March 17, 1969

Date amended: January 26, 2010



By direction of the Administrator

*Todd G. Dixon (Signature), Manager
Denver Aircraft Certification Office
Northwest Mountain Region*

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.